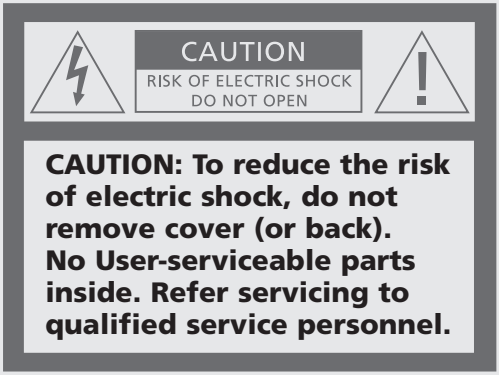
BANG & OLUFSEN

BEOLAB 4000


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No User-serviceable parts inside. Refer servicing to qualified service personnel.

WARNING: To prevent fire or electric shock, do not expose this appliance to rain or moisture.

This symbol indicates that a dangerous voltage constituting a risk of electric shock is present within this unit.

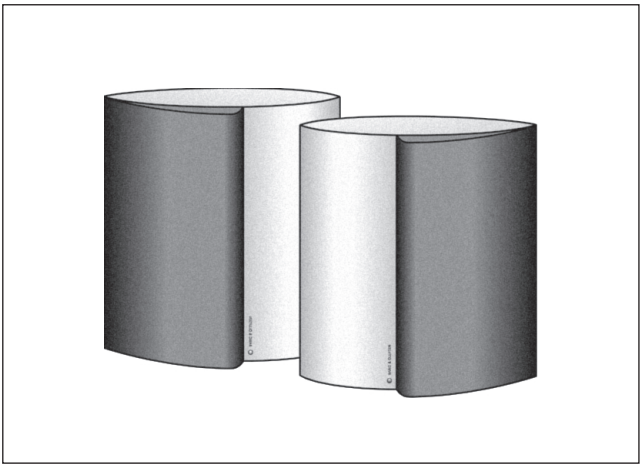
This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

For the US-market only!

NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.



Your BeoLab 4000 speakers are a set of very small, active loudspeakers. Their size, style and versatility make the BeoLab 4000 ideal loudspeakers for all types of audio/video, surround sound and link room setups.

The use of magnetically shielded speaker units, the sculptural design, and the small dimensions all contribute to the BeoLab 4000 unsurpassed versatility.

Due to its sculptural design, the BeoLab 4000 takes up very little space, be it on a shelf, on the wall, on the floor, or even on the ceiling.

The highly polished finish of the BeoLab 4000, in your chosen colour combination, will enhance the beauty of your home as well as give you extraordinary musical enjoyments.

This guide describes how to set up the BeoLab 4000.

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BEFORE YOU START...

The BeoLab 4000 is designed to accomodate many placement alternatives and takes up very little space. In fact, it can be placed in a position which suits its surroundings and your preferred listening position.
The BeoLab 4000 can, of course, be used in connection with your audio system. The speaker units are magnetically shielded and you can safely connect a pair of speakers to your video system without affecting the picture quality (you may even connect a pair of speakers to your computer system and benefit from their exceptionally good sound handling capabilities). The BeoLab 4000 may also be used in a surround sound system.
The BeoLab 4000s are extremely suitable for use in a link room.

On the following two pages we have listed a few things which should be considered before setting up the BeoLab 4000:

■ Do not connect any units in your system to the mains, until after you have made the other connections (as described on page 6 and 7).

■ For safety reasons, the mains cord *must be* secured as explained on page 7.

■ The BeoLab 4000 is designed for use in *dry environments only*, and for use within a temperature range of 10 – 40° C (50 – 105° F).

■ When the BeoLab 4000 is placed standing in an upright position (or in the Base type 2037 – optional accessory) make sure that the power switch is at the base (i.e. the speaker will be more stable because its centre of gravity will be low).

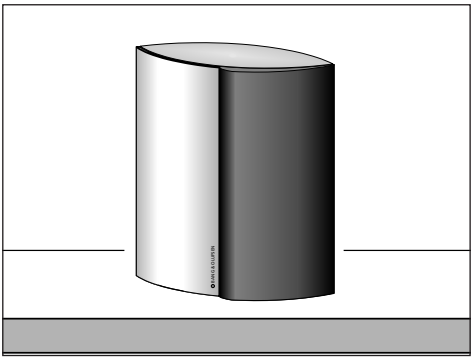
■ In order not to impede ventilation alway leave at least 1 cm (½") above the BeoLab 4000.

■ To support the weight of the BeoLab 4000 always use the correct size and type of screws and wall plugs (depending on the material and the construction of the wall).
If in doubt, consult your Bang & Olufsen dealer.

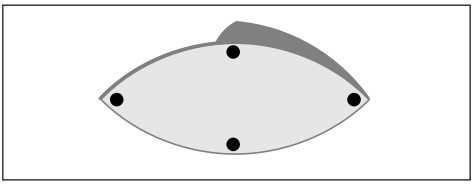
■ Light partition walls are often constructed of gypsum panels – known as drywall or wall board – secured to vertical studs. Gypsum is not a satisfactory material to support the weight of the BeoLab 4000! You may, however, hang your BeoLab 4000 on a gypsum wall, but be sure to use the correct size and type of screws.

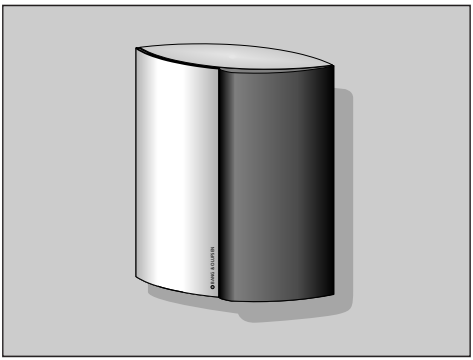
■ Remember that all speakers in a setup need a connection to a mains outlet, and they are designed to be left on at all times.

■ When you are placing the speakers try to 'aim the front cloth' towards your preferred listening position.

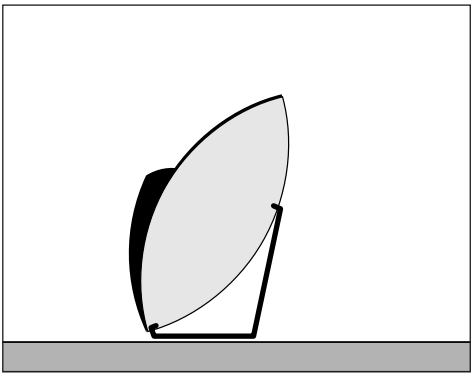


The BeoLab 4000 on a level surface, e.g. a shelf or a table.
To protect both your furniture and the BeoLab 4000 from being scratched, we recommend that you attach the enclosed rubber pads to the bottom plate of the BeoLab 4000 (as indicated on the following illustration).



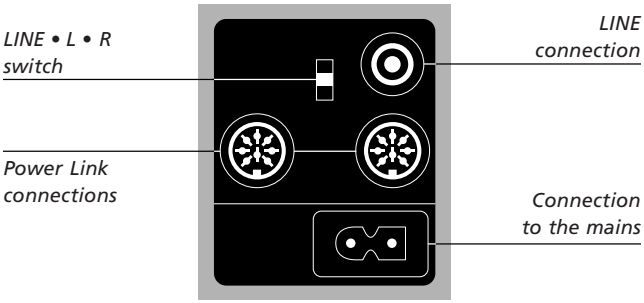


The BeoLab 4000 fastened to a wall in a vertical position (using the standard wall bracket). The bracket can also be used to fasten the BeoLab 4000 in a horizontal position, on a wall or to the ceiling.

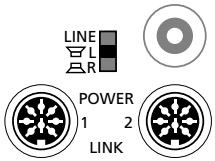


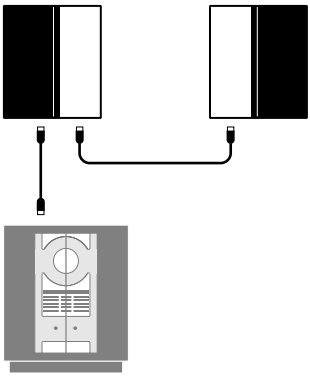
The BeoLab 4000 placed in a horizontal position on a level surface, e.g. the floor (using the optional stand).

The socket panel is located on the rear of the BeoLab 4000. Use this illustration and the graphics imprinted on the socket panel for reference.



Connection to Bang & Olufsen products





Connect the BeoLab 4000 to your audio (or video) system using the enclosed 8-pin Power Link cable.
Plug one end into one of the sockets marked POWER LINK on the BeoLab 4000, and the other end into either of the two sockets marked POWER LINK on the audio/video system (please refer to the setting-up guide for that system).
The switch marked LINE • L • R must be set to either *L* or *R*:

L for the left-hand speaker/ sound channel
R for the right-hand speaker/ sound channel

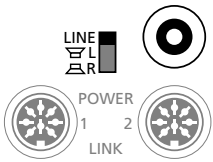
To avoid cables running from both loudspeakers to your system you may loop the signal through from speaker to speaker using the second socket marked POWER LINK on one of the BeoLab 4000, as illustrated. You can, of course, also connect one BeoLab 4000 loudspeaker to each of the sockets on the system.

You may connect more than one pair (as many as ten pairs, in fact) of BeoLab 4000 speakers to your system. You just have to run a Power Link cable from speaker to speaker. Remember though, to set the LINE • L • R switch to the proper position for the left- and right-hand speakers, respectively.

Connection to non-Bang & Olufsen products

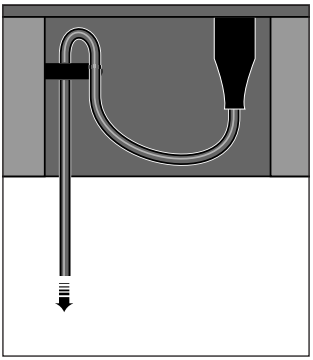
The phono socket marked LINE must be used instead of the Power Link sockets if the BeoLab 4000 is to be connected to a non-Bang & Olufsen product (using e.g. a cable, part no. 6270595). The signal must be on a regulated low-voltage level.

Connect one speaker to each of the sound channels.
The switch marked LINE • L • R must in this case be set to LINE.



Connection to the mains

Connect the enclosed mains cord socket marked ~ on the BeoLab 4000, but do not connect it to the wall socket yet.



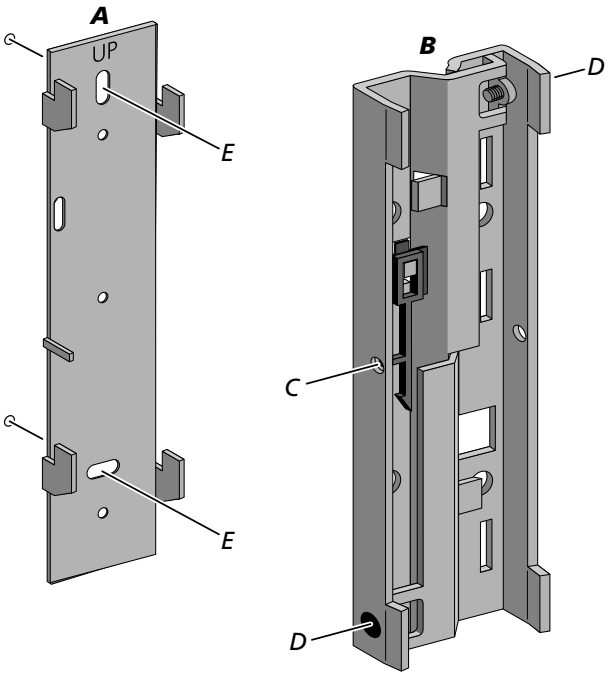
For safety reasons fasten the mains lead behind the small peg, before running it out from the socket compartment.

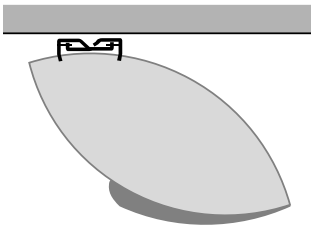
WALL BRACKET

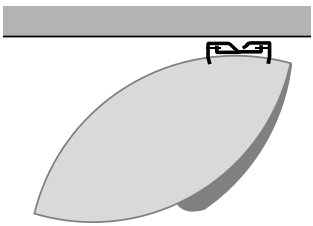
The wall bracket consists of two main parts. The bracket *(A)* must be secured to the wall, and the bracket *(B)* to the rear grille of the BeoLab 4000.
The lock can be released by inserting e.g. a small screwdriver through the hole *(C)*.

1 Separate the two parts *(A* and *B)* – if necessary, loosen the two screws *(D)*.
2 Fasten the bracket *(B)*, in the preferred position, to the BeoLab 4000.
Tighten the two screws (D) securely!
3 Hold up the BeoLab 4000 against the wall in your selected position and mark up the outline of the bracket *(B)*. Use the bracket *(A)* as a template to drill the holes *(E)*.
4 Fasten the bracket *(A)* to the wall through the holes *(E)*, and hang up the BeoLab 4000 by inserting the four hooks into the appropriate holes.

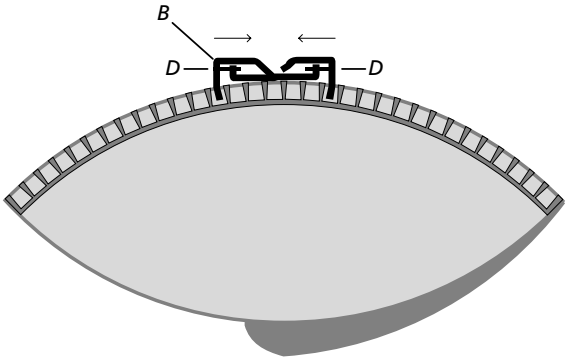
The lock will engage and thus secure the two parts.



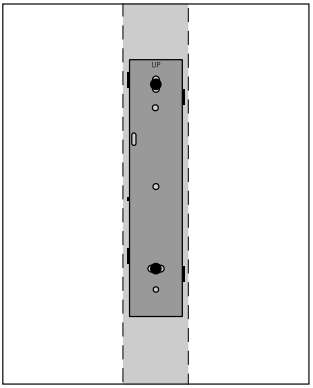




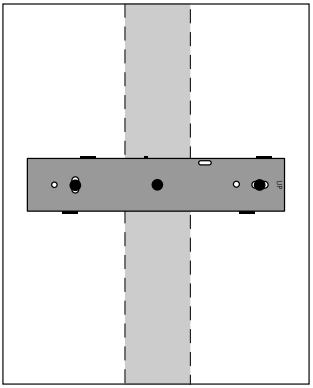
The placement of the bracket on the rear of the BeoLab 4000 determines the angle between the speaker and the wall.



Top-view of the BeoLab 4000 and the bracket (B).



If mounted in a vertical position, two screws through the holes (E) will suffice. The screws must be lag screws.



If mounted in a horizontal position, you must use three screws. Two screws of a type for gypsum panels through the holes (E), and one lag screw through the centre hole of the bracket.

Light partition walls

If you intend to hang the BeoLab 4000 on a gypsum wall, the wall bracket must be fastened to a vertical stud.

Switching on and off

Power switch and indicator

When you have finished setting up your BeoLab 4000, connect your entire Bang & Olufsen system to the mains.
Turn on the power switch on each of your BeoLab 4000. The stand-by indicator (in the power switch button) lights up in red, indicating that the speaker is on stand-by, ready to be used.
The BeoLab 4000 speakers are designed to be left in this stand-by mode when not in use. When you switch on your audio system (or video system), the BeoLab 4000 loudspeakers switch on simultaneously. The red stand-by light turns green, indicating that the speakers are switched on.
When you switch off your system, or mute the sound, the red light appears immediately, indicating that the BeoLab 4000 speakers are not in use.

If the BeoLab 4000 speakers are connected to a non-Bang & Olufsen system – via the phono socket (LINE) – they switch on when a signal is received from the system. They switch off a few minutes after the signal has disappeared.

Maintenance

Clean the surfaces of the BeoLab 4000 using a soft, lint-free cloth which you have wrung firmly in a solution of lukewarm water containing a few drops of mild household cleaner, for example a dish washing detergent.
The cooling fins on the rear may be cleaned using a soft brush or a vacuum cleaner. The front cloth may be cleaned with a vacuum cleaner set to the lowest level.

Note: Never use alcohol or other solvents to clean any part of your BeoLab 4000!

International Guarantee
This Bang & Olufsen product carries a guarantee against defects in workmanship and materials. The terms of the guarantee apply to the country of purchase but will be met by authorized Bang & Olufsen dealers in other countries. The guarantee period applying to the country of purchase takes priority over guarantee periods applying in other countries, even where differences exist.
In order to obtain service under this guarantee, a certificate stating the following information is required:

- Name of product and type number
- Serial number
- Date of purchase
- Guarantee period
- Dealer's or supplier's signature

If you intend to use the product in a country other than that in which it was bought, it may be necessary for you to have the product modified to suit the transmission system, or mains supply etc., used in the country you are moving to. We therefore recommend that you contact your Bang & Olufsen dealer before moving to another country. No costs incurred in this connection will be covered under the terms of the guarantee.

Environmental information
This Bang & Olufsen product was delivered in a packing made to protect and transport the product safely from the factory to your home.
In the design of our packing we use the most conserving and recyclable materials known today, and we constantly work to reduce any negative side effects our packing materials may have on the environment. We observe any progress with great interest.

Corrugated cardboard Made of at least 45 % recycled material. The printing ink contains no heavy metals, and the box is reusable for paper production.

Foamed plastic parts Made without use of injurious inert gasses. Can be recycled or incinerated, liberating carbon dioxide and water. Usable for soil improvement in granular form.

Plastic bags All plastic parts are free of PVC and can be recycled or incinerated, liberating carbon dioxide and water.

Batteries We urge you to show consideration when changing the batteries in your remote control terminal. Used-up batteries should be disposed of and kept separately.

CE

This product fulfils the conditions stated in the EEU directives 89/336 and 73/23.

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